CMS Manual System	Department of Health & Human Services (DHHS)
Pub 100-04 Medicare Claims Processing	Centers for Medicare & Medicaid Services (CMS)
Transmittal 2072	**Date: October 22, 2010**
	Change Request 7185

SUBJECT: Annual Type of Service (TOS) Update

I. SUMMARY OF CHANGES: This Change Request includes the crosswalk of 2011 HCPCS codes to national type of service (TOS) indicators. Various changes have been made to previous existing HCPCS/TOS combinations. Any additional new codes not included in this transmittal will be part of the 2011 HCPCS file. Contractors should refer to the 2011 HCPCS file for all new 2011 codes and the applicable TOS. Note code A6549 is not a new code and has been effective since January 1, 2006. This code was not previously included in the manual and is therefore officially being placed in the manual via this change request. The attached Recurring Update Notification applies to chapter 26, section 10.7.

EFFECTIVE DATE: January 1, 2011
IMPLEMENTATION DATE: January 3, 2011

Disclaimer for manual changes only: The revision date and transmittal number apply only to red italicized material. Any other material was previously published and remains unchanged. However, if this revision contains a table of contents, you will receive the new/revised information only, and not the entire table of contents.

II. CHANGES IN MANUAL INSTRUCTIONS: (N/A if manual is not updated)
R=REVISED, N=NEW, D=DELETED

R/N/D	CHAPTER / SECTION / SUBSECTION / TITLE
R	26/10.7/Type of Service (TOS)

III. FUNDING:
For Fiscal Intermediaries (FIs), Regional Home Health Intermediaries (RHHIs) and/or Carriers:
No additional funding will be provided by CMS; contractor activities are to be carried out within their operating budgets.

For Medicare Administrative Contractors (MACs):
The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the contracting officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the contracting officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

IV. ATTACHMENTS:

Manual Instruction

Recurring Update Notification

Unless otherwise specified, the effective date is the date of service.

Attachment – Recurring Update Notification

Pub. 100-04	Transmittal: 2072	Date: October 22, 2010	Change Request: 7185

SUBJECT: Annual Type of Service (TOS) Update

Effective Date: January 1, 2011

Implementation Date: January 3, 2011

I. GENERAL INFORMATION

A. Background: Type of Service (TOS) is an indicator that the contractor places on the Form CMS-1500 paper form or electronic format. The indicator is mainly used for data purposes. However, in some instances it affects payment. All HCPCS codes have a corresponding TOS indicator.

B. Policy: This Change Request includes the crosswalk of 2011 HCPCS codes to national type of service (TOS) indicators. Various changes have been made to previous existing HCPCS/TOS combinations. Any additional new codes not included in this transmittal will be part of the 2011 HCPCS file. Contractors should refer to the 2011 HCPCS file for all new 2011 codes and the applicable TOS. Note code A6549 is not a new code and has been effective since January 1, 2006. This code was not previously included in the manual and is therefore officially being placed in the manual via this change request.

II. BUSINESS REQUIREMENTS TABLE

Use "Shall" to denote a mandatory requirement

Number	Requirement	Responsibility (place an "X" in each applicable column)									
		A/B MAC	DME MAC	FI	CARRIER	RHHI	Shared-System Maintainers				OTHER
							FISS	MCS	VMS	CWF	
7185.1	CWF shall recognize the new changes included in chapter 26, section 10.7.									X	
7185.2	Contractors shall recognize the new changes included in chapter 26, section 10.7.	X	X		X				X		

III. PROVIDER EDUCATION TABLE

Number	Requirement	Responsibility (place an "X" in each applicable column)									
		A/B MAC	DME MAC	FI	CARRIER	RHHI	Shared-System Maintainers				OTHER
							FISS	MCS	VMS	CWF	
	None.										

IV. SUPPORTING INFORMATION

Section A: For any recommendations and supporting information associated with listed requirements, use the box below:
Use "Should" to denote a recommendation.

X-Ref Requirement Number	Recommendations or other supporting information:
N/A	

Section B: For all other recommendations and supporting information, use this space: N/A

V. CONTACTS

Pre-Implementation Contact(s): Joscelyn Lissone at joscelyn.lissone@cms.hhs.gov or (410) 786-5116 and Vera A. Dillard at Vera.Dillard@cms.hhs.gov or (410) 786-6149.

Post-Implementation Contact(s): Appropriate Project Officer or Contractor Manager

VI. FUNDING

Section A: For *Fiscal Intermediaries (FIs), Regional Home Health Intermediaries (RHHIs),* and/or *Carriers*:
No additional funding will be provided by CMS; contractor activities are to be carried out within their operating budgets.

Section B: *For Medicare Administrative Contractors (MACs)*:
The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the contracting officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the contracting officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

Attachment

ATTACHMENT

TYPE OF SERVICE
ADDITIONS/CHANGES 2011

HCPCS CODE	TOS	HCPCS CODE	TOS
A4566	9	J3262	1,P
A7020	R	J3357	1,P
A9273	A,P,R	J3385	1,P
		J7184	1,P
C9258	1,P	J7196	1,P
C9262	1,9	J7309	9
C9264	1,P	J7312	1,P
C9265	1,P	J7335	9
C9266	1,P	J7601	1,P
C9267	1,P	J8562	9
C9268	9	J9302	1,P
C9367	1	J9307	1,P
C9800	1,P	J9315	1,P
		J9351	1,P
E0765	A,P,R		
E1831	P,R	L3674	P
E2622	A,P,R	L4631	P
E2624	A,P,R	L8693	P
E2625	A,P,R		
		Q0478	P
G0428	2	Q0479	P
G0429	2	Q2025	1,9
G0434	5	Q2026	1,9
G0435	9	Q2027	1,9
G9147	9	Q4117	1
		Q4118	1
J0171	1,P	Q4119	1
J0558	1,P	Q4120	1
J0561	1,P	Q4121	1
J0597	1,P	Q5010	1,L
J0638	1,P		
J0775	1,P	S0148	9
J1290	1,P	S0169	9
J1559	1,P		
J1599	1,P	T1505	9
J1826	1		
J2358	1,P	11045	2
J2426	1,P	11046	1
J3095	1,P	11047	1

HCPCS CODE	TOS	HCPCS CODE	TOS
80104	5	93563	2
		93564	2
90460	1	93565	2
90461	1	93566	2
90470	V	93567	2
90644	V	93568	2
90664	V		
90666	V	95800	1
90667	V	95801	1
90668	V		
90670	V	96446	1
90675	1		
		99224	1
91013	1	99225	1
91117	1	99226	1
		99227	1
92132	1	99228	1
92133	1		
92134	1	99365	1
93452	2		
93453	2	0223T	4
93454	2	0224T	4
93455	2	0225T	4
93456	2	0226T	2
93457	2	0227T	2
93458	2	0228T	2
93459	2	0229T	2
93460	2	0230T	2
93461	2	0231T	2
93462	2	0232T	2
93463	2	0233T	9
93464	1		

10.7 - Type of Service (TOS)

(Rev.2072, Issued: 10-22-10, Effective: 01-01-11, Implementation: 01-03-11)

Medicare carriers must use the following table to assign the proper TOS. Some procedures may have more than one applicable TOS. For claims received on or after April 3, 1995, CWF will produce alerts on codes with incorrect TOS designations. Effective July 3, 1995, CWF is rejecting codes with incorrect TOS designations. All future updates will be submitted via a Recurring Update Notification.

The only exceptions to this table are:

- Surgical services billed for dates of service through December 31, 2007, containing the ASC facility service modifier SG must be reported as TOS F. Effective for services on or after January 1, 2008, the SG modifier is no longer applicable for Medicare services. ASC providers should discontinue applying the SG modifier on ASC facility claims. The indicator 'F' does not appear in the TOS table because its use depends upon claims submitted with POS 24 (ASC Facility) from an ASC (specialty 49). This became effective for dates of service January 1, 2008 and after.

- Surgical services billed with an assistant-at-surgery modifier (80-82, AS,) must be reported with TOS 8. The 8 indicator does not appear on the TOS table because its use is dependent upon the use of the appropriate modifier. (See Pub. 100-04, Medicare Claims Processing Manual, Chapter 12, "Physician/Nonphysician Practitioner," for instructions on when assistant-at-surgery is allowable.)

- Psychiatric treatment services that are subject to the outpatient mental health treatment limitation should be reported with TOS T.

- TOS H appears in the list of descriptors. However, it does not appear in the table. In CWF, "H" is used only as an indicator for hospice. The carrier should not submit TOS H to CWF at this time.

- For outpatient services, when a transfusion medicine code appears on a claim that also contains a blood product, the service is paid under reasonable charge at 80%, coinsurance and deductible apply. When transfusion medicine codes are paid under the clinical laboratory fee schedule pay at 100%, coinsurance and deductible do not apply.

NOTE: For injection codes with more than one possible TOS designation, use the following guidelines when assigning the TOS:

When the choice is L or 1,

- Use TOS L when the drug is used related to ESRD; or

- Use TOS 1 when the drug is not related to ESRD and is administered in the office.

When the choice is G or 1:

- Use TOS G when the drug is an immunosuppressive drug; or
- Use TOS 1 when the drug is used for other than immunosuppression.

When the choice is P or 1,

- Use TOS P if the drug is administered through durable medical equipment (DME); or
- Use TOS 1 if the drug is administered in the office.

The place of service or diagnosis may be considered when determining the appropriate TOS. The descriptors for each of the TOS codes listed in the following table are:

Type of Service Indicators

0	Whole Blood
1	Medical Care
2	Surgery
3	Consultation
4	Diagnostic Radiology
5	Diagnostic Laboratory
6	Therapeutic Radiology
7	Anesthesia
8	Assistant at Surgery
9	Other Medical Items or Services
A	Used DME
B	High Risk Screening Mammography
C	Low Risk Screening Mammography
D	Ambulance
E	Enteral/Parenteral Nutrients/Supplies

F	Ambulatory Surgical Center (Facility Usage for Surgical Services)
G	Immunosuppressive Drugs
H	Hospice
J	Diabetic Shoes
K	Hearing Items and Services
L	ESRD Supplies
M	Monthly Capitation Payment for Dialysis
N	Kidney Donor
P	Lump Sum Purchase of DME, Prosthetics, Orthotics
Q	Vision Items or Services
R	Rental of DME
S	Surgical Dressings or Other Medical Supplies
T	Outpatient Mental Health Treatment Limitation
U	Occupational Therapy
V	Pneumococcal/Flu Vaccine
W	Physical Therapy

HCPCS RANGE and Applicable Type of Service (TOS) Code

First Code	Last Code	TOS
A0021	A0999	D
A4206	A4213	S
A4214	A4214	P
A4215	A4215	L, S
A4216	A4218	1, P, L
A4220	A4236	P

First Code	Last Code	TOS
A4244	A4247	S, L
A4248	A4248	L
A4250	A4250	9
A4252	A4253	P
A4254	A4254	A, P, R
A4255	A4259	P
A4260	A4270	9
A4280	A4280	P
A4281	A4290	9
A4300	A4301	S
A4305	A4306	9
A4310	A4359	P
A4360	A4360	9
A4361	A4434	P
A4450	A4452	P, L, S
A4454	A4456	P
A4458	A4458	9
A4460	A4463	S
A4464	A4464	P
A4465	A4466	9
A4470	A4510	P
A4520	A4554	9
A4556	A4565	P
A4566	*A4566*	*9*

First Code	Last Code	TOS
A4570	A4572	P
A4575	A4590	9
A4595	A4605	P
A4606	A4606	9
A4608	A4613	P
A4614	A4614	9
A4615	A4617	P
A4618	A4618	A, P, R
A4619	A4626	P
A4627	A4627	9
A4628	A4628	A, P, R
A4629	A4629	P
A4630	A4633	A, P, R
A4634	A4634	9
A4635	A4637	A, P, R
A4638	A4638	P
A4639	A4640	A, P, R
A4641	A4647	4
A4648	A4648	9, S
A4649	A4649	9
A4650	A4650	9, S
A4651	A4931	L
A4932	A4932	9
A5051	A5200	P

First Code	Last Code	TOS
A5500	A5513	J
A6000	A6000	P
A6010	A6024	S
A6025	A6025	9
A6154	A6214	S
A6215	A6216	S, L
A6217	A6248	S
A6250	A6250	S, L
A6251	A6259	S
A6260	A6260	S, L
A6261	A6266	S
A6402	A6402	S, L
A6403	A6412	S
A6413	A6413	P
A6421	A6512	P, S
A6513	A6530	P
A6531	A6532	P, S
A6533	A6544	P
A6545	A6545	P, S
A6549	A6551	P
A7000	A7002	A, P, R
A7003	A7004	P
A7005	A7006	A, P, R
A7007	A7008	P

First Code	Last Code	TOS
A7009	A7009	A, P, R
A7010	A7011	P
A7012	A7012	A, P, R
A7013	A7013	P
A7014	A7017	A, P, R
A7018	A7018	P
A7020	A7020	*R*
A7025	A7039	A, P, R
A7040	A7043	P
A7044	A7045	A, P, R
A7046	A7527	P
A8000	A8004	A, P, R
A9150	A9270	9
A9273	*A9273*	*A, P, R*
A9274	A9280	9
A9281	A9281	A, P, R
A9282	A9283	9
A9284	A9284	A, P, R
A9300	A9300	9
A9500	A9516	4
A9517	A9517	6
A9518	A9522	4
A9523	A9523	6
A9524	A9529	4

First Code	Last Code	TOS
A9530	A9530	6
A9531	A9531	4
A9532	A9532	6
A9533	A9533	4
A9534	A9534	6
A9535	A9542	4
A9543	A9543	6
A9544	A9544	4
A9545	A9545	6
A9546	A9562	4
A9563	A9564	6
A9565	A9580	4
A9581	A9581	1, P
A9582	A9583	4
A9600	A9605	6
A9698	A9698	4
A9699	A9699	6
A9700	A9999	9
B4034	B5200	E
B9000	B9006	A, P, R
B9998	B9999	E
C1000	C1008	9, S
C1009	C1009	9
C1010	C1011	0

First Code	Last Code	TOS
C1012	C1014	9
C1015	C1018	0
C1019	C1019	9
C1020	C1021	0
C1022	C1022	9
C1024	C1043	9, S
C1045	C1045	4
C1047	C1048	9, S
C1050	C1050	9
C1051	C1057	9, S
C1058	C1058	4
C1059	C1059	9
C1060	C1063	9, S
C1064	C1066	4
C1067	C1078	9, S
C1079	C1080	4
C1081	C1081	6
C1082	C1082	4
C1083	C1083	6
C1084	C1086	1, P
C1087	C1087	4
C1088	C1088	9
C1089	C1099	4
C1100	C1121	9, S

First Code	Last Code	TOS
C1122	C1122	4
C1123	C1154	9, S
C1155	C1155	9
C1156	C1163	9, S
C1164	C1164	9
C1166	C1167	1, P
C1170	C1177	9, S
C1178	C1178	1, P
C1179	C1184	9, S
C1188	C1202	4
C1203	C1203	9
C1205	C1205	4
C1207	C1300	9
C1302	C1304	9, S
C1305	C1305	9
C1306	C1324	9, S
C1325	C1325	4
C1326	C1337	9, S
C1348	C1350	4
C1351	C1359	9, S
C1360	C1360	9
C1361	C1773	9, S
C1774	C1774	9
C1775	C1775	4

First Code	Last Code	TOS
C1776	C1799	9, S
C1800	C1806	4
C1810	C2631	9, S
C2632	C2632	9
C2633	C2633	9, S
C2634	C2636	9
C2637	C2637	4
C2638	C2638	6
C2639	C2643	4
C2676	C2676	9, S
C2698	C2699	4
C8900	C8928	4
C9000	C9010	1
C9011	C9011	9, S
C9012	C9020	1
C9100	C9103	4
C9104	C9106	1
C9107	C9107	9, S
C9108	C9109	9
C9110	C9110	9, S
C9111	C9119	9
C9120	C9121	1, P
C9123	C9123	9, S
C9126	C9126	9

First Code	Last Code	TOS
C9127	C9127	1
C9128	C9211	9
C9212	C9212	9, G
C9213	C9215	1
C9218	C9218	9
C9219	C9219	9, G
C9220	C9222	9
C9223	C9223	1, P
C9224	C9226	9
C9236	C9242	1, P
C9245	C9249	*1*
C9250	C9257	9
C9258	*C9258*	*1, P*
C9262	*C9262*	*1, 9*
C9264	*C9267*	*1, P*
C9268	C9364	9
C9367	C9399	1
C9400	C9400	4
C9401	C9401	6
C9402	C9405	4
C9410	C9411	1, P
C9413	C9434	1
C9435	C9437	9
C9438	C9438	1, G

First Code	Last Code	TOS
C9439	C9503	9
C9701	C9701	9, S
C9703	C9703	9
C9704	C9704	2
C9708	C9708	4
C9711	C9711	9
C9713	C9713	2
C9714	C9715	6
C9716	C9717	2
C9718	C9721	1
C9722	C9723	4
C9724	C9724	2
C9725	C9725	6
C9728	C9728	2
C9800	*C9800*	*1, P*
C9898	C9898	1
D0120	D0180	1
D0210	D0363	4
D0415	D0999	5
D1110	D1351	1
D1510	D1525	9
D1550	D2710	1
D2712	D2712	9
D2720	D2792	1

First Code	Last Code	TOS
D2794	D2794	9
D2799	D2910	1
D2915	D2915	9
D2920	D2933	1
D2934	D2934	9
D2940	D2970	1
D2971	D2975	9
D2980	D3120	1
D3220	D3221	2
D3230	D3348	1
D3351	D3920	2
D3950	D3999	1
D4210	D4276	2
D4320	D4999	1
D5110	D5281	9
D5410	D5761	1
D5810	D5999	9
D6010	D6050	2
D6053	D6079	9
D6080	D6080	2
D6090	D6999	9
D7110	D7282	2
D7283	D7283	9
D7285	D7999	2

First Code	Last Code	TOS
D8010	D9110	1
D9120	D9120	2
D9210	D9248	7
D9310	D9310	3
D9410	D9450	1
D9610	D9630	9
D9910	D9999	1
E0100	E0144	A, P, R
E0145	E0146	R
E0147	E0164	A, P, R
E0165	E0166	R
E0167	E0168	A, P, R
E0169	E0169	R
E0170	E0179	A, P, R
E0180	E0182	R
E0184	E0185	A, P, R
E0186	E0187	R
E0188	E0189	A, P, R
E0190	E0190	9
E0191	E0192	A, P, R
E0193	E0196	R
E0197	E0200	A, P, R
E0202	E0202	R
E0203	E0203	9

First Code	Last Code	TOS
E0205	E0205	A, P, R
E0210	E0210	A, P, R, L
E0215	E0230	A, P, R
E0231	E0231	R
E0232	E0232	P
E0235	E0236	R
E0238	E0239	A, P, R
E0240	E0240	9
E0241	E0249	A, P, R
E0250	E0270	R
E0271	E0276	A, P, R
E0277	E0277	R
E0280	E0280	A, P, R
E0290	E0298	R
E0300	E0300	A, P, R
E0301	E0305	R
E0310	E0326	A, P, R
E0328	E0329	R
E0350	E0352	9
E0370	E0373	A, P, R
E0424	E0431	R
E0433	E0433	A, P, R
E0434	E0440	R
E0441	E0444	P

First Code	Last Code	TOS
E0445	E0445	9
E0450	E0455	R
E0457	E0457	A, P, R
E0459	E0480	R
E0481	E0481	A, P, R
E0482	E0483	R
E0484	E0484	A, P, R
E0485	E0486	P
E0487	E0487	A, P, R
E0500	E0550	R
E0555	E0555	P, R
E0560	E0562	A, P, R
E0565	E0570	R
E0571	E0574	A, P, R
E0575	E0575	R
E0580	E0580	P, R
E0585	E0585	R
E0590	E0590	9
E0600	E0601	R
E0602	E0604	9
E0605	E0605	A, P, R
E0606	E0606	R
E0607	E0607	A, P, R
E0608	E0608	R

First Code	Last Code	TOS
E0609	E0615	A, P, R
E0616	E0616	9
E0617	E0617	9, R
E0618	E0619	R
E0620	E0629	A, P, R
E0630	E0636	R
E0637	E0638	A, P, R
E0639	E0640	9
E0641	E0673	A, P, R
E0675	E0675	R
E0676	E0740	A, P, R
E0744	E0745	R
E0746	E0748	A, P, R
E0749	E0749	9
E0751	E0754	P
E0755	E0755	A, P, R
E0756	E0759	P
E0760	E0760	A, P, R
E0761	E0761	9
E0762	E0764	A, P, R
E0765	E0765	A, P, *R*
E0769	E0769	9
E0770	E0770	A, P, R
E0776	E0776	A, P, R, E

First Code	Last Code	TOS
E0779	E0780	A, P, R
E0781	E0781	9, R
E0782	E0783	A, P, R
E0784	E0784	R
E0785	E0785	P
E0786	E0786	9
E0791	E0791	R
E0830	E0830	P
E0840	E0840	A, P, R
E0849	E0849	A, P, R
E0850	E0900	A, P, R
E0910	E0941	R
E0942	E0945	A, P, R
E0946	E0946	R
E0947	E0957	A, P, R
E0958	E0958	R
E0959	E0967	A, P, R
E0968	E0968	R
E0969	E0982	A, P, R
E0983	E0983	R
E0984	E1030	A, P, R
E1031	E1060	R
E1065	E1069	A, P, R
E1070	E1160	R

First Code	Last Code	TOS
E1161	E1161	A, P, R
E1170	E1200	R
E1210	E1213	A, P, R
E1220	E1220	P
E1221	E1225	R
E1226	E1227	A, P, R
E1228	E1228	R
E1229	E1239	A, P, R
E1240	E1295	R
E1296	E1310	A, P, R
E1340	E1340	9
E1353	E1353	R
E1354	E1354	A, P, R
E1355	E1355	R
E1356	E1372	A, P, R
E1375	E1392	R
E1399	E1399	A, P, R
E1400	E1406	R
E1500	E1699	L
E1700	E1700	A, P, R
E1701	E1702	P
E1800	E1801	P, R
E1802	E1802	R
E1805	E1840	P, R

First Code	Last Code	TOS
E1841	E1841	R
E1900	E1902	A, P, R
E2000	E2000	R
E2100	E2101	A, P, R
E2120	E2120	R
E2201	E2396	A, P , R
E2397	E2397	P
E2399	E2399	A, P, R
E2402	E2402	R
E2500	*E2625*	A, P, R
E8000	E8002	9
G0001	G0001	5
G0002	G0002	2
G0004	G0007	5
G0008	G0009	V
G0010	G0010	1
G0015	G0016	5
G0022	G0024	1
G0025	G0025	S
G0026	G0027	5
G0030	G0050	4
G0101	G0102	1
G0103	G0103	5
G0104	G0105	2

First Code	Last Code	TOS
G0106	G0106	4
G0107	G0107	5
G0108	G0113	1
G0114	G0114	3
G0115	G0116	T, 1
G0117	G0118	Q
G0120	G0120	4
G0121	G0121	2
G0122	G0122	4
G0123	G0124	5
G0125	G0126	4
G0127	G0127	2
G0128	G0128	1
G0129	G0129	U
G0130	G0132	4
G0141	G0148	5
G0151	G0156	1
G0159	G0160	2
G0161	G0161	6
G0163	G0165	4
G0166	G0168	1
G0169	G0169	W, 1
G0170	G0171	2
G0172	G0172	U

First Code	Last Code	TOS
G0173	G0174	2
G0175	G0175	1
G0176	G0177	U
G0178	G0178	6
G0179	G0182	1
G0184	G0187	2
G0188	G0188	4
G0190	G0203	1
G0204	G0234	4
G0235	G0235	1
G0236	G0236	4
G0237	G0239	1, U, W
G0240	G0240	1
G0241	G0243	2
G0244	G0247	1
G0248	G0249	5
G0250	G0250	1
G0251	G0255	4
G0256	G0256	2
G0257	G0259	1
G0260	G0260	F
G0261	G0261	2
G0262	G0262	4
G0263	G0264	1

First Code	Last Code	TOS
G0265	G0267	5
G0268	G0268	2
G0269	G0272	1
G0273	G0274	6
G0275	G0278	2
G0279	G0283	1, U, W
G0288	G0288	4
G0289	G0291	2
G0292	G0292	1
G0293	G0294	2
G0295	G0295	1, U, W
G0296	G0296	4
G0297	G0300	2
G0301	G0305	1
G0306	G0307	5
G0308	G0323	M
G0324	G0327	1
G0328	G0328	5
G0329	G0329	1, U, W
G0332	G0332	1
G0336	G0336	4
G0337	G0340	1
G0341	G0343	2
G0344	G0363	1

First Code	Last Code	TOS
G0364	G0364	2
G0365	G0368	5
G0369	G0371	9
G0372	G0372	1
G0373	G0376	9
G0377	G0384	1
G0389	G0389	4
G0390	G0390	1
G0392	G0393	2
G0394	G0400	5
G0406	G0408	3
G0420	G0424	1
G0425	G0427	3
G0428	*G0429*	*2*
G0430	*G0434*	5
G0435	*G0435*	*9*
G3001	G9140	1
G9141	G9142	V
G9143	G9143	1
G9147	H2037	9
J0120	J0210	P, 1
J0215	J0215	1, G
J0220	J0256	1, P
J0270	J0275	1

First Code	Last Code	TOS
J0278	J0476	1, P
J0480	J0480	1, G
J0500	J0594	1, P
J0595	J0595	1
J0597	J0880	1, P
J0881	J0882	1, L
J0885	J0885	9
J0886	J0886	1, L
J0894	J1642	1, P
J1644	J1644	P, 1, L
J1645	J1670	P, 1
J1675	J1675	1, G
J1680	J1820	1, P
J1825	J1830	1
J1835	J2916	P, 1
J2920	J2930	G, 1
J2940	J3395	P, 1
J3396	J3396	9
J3400	J7199	1, P
J7300	J7307	9
J7308	J7308	1
J7309	J7310	9
J7311	J7311	Q
J7312	*J7312*	*1, P*

First Code	Last Code	TOS
J7315	J7324	1
J7325	J7330	P, 1
J7335	*J7335*	*9*
J7340	J7349	1
J7350	J7350	1, S
J7500	J7599	G, 1
J7601	J8499	P, 1
J8501	J8501	G, 1
J8510	J8521	P, 1
J8530	J8530	1, G, P
J8540	J8540	1
J8560	J8560	1, P
J8562	J8565	9
J8597	J8597	1
J8600	J8600	P, 1
J8610	J8610	P, G, 1
J8650	J8650	1, G
J8700	J9212	P, 1
J9213	J9216	G
J9217	J9999	P, 1
K0001	K0004	R
K0005	K0005	A, P, R
K0006	K0007	R
K0008	K0008	P

First Code	Last Code	TOS
K0009	K0012	A, P, R
K0013	K0013	P
K0014	K0100	A, P, R
K0101	K0101	R
K0102	K0108	A, P, R
K0109	K0113	P
K0114	K0116	A, P, R
K0119	K0123	G
K0137	K0169	P
K0170	K0171	A, P, R
K0172	K0173	P
K0174	K0174	A, P, R
K0175	K0176	P
K0177	K0177	A, P, R
K0178	K0178	P
K0179	K0181	A, P, R
K0182	K0182	P
K0183	K0192	A, P, R
K0193	K0195	R
K0268	K0270	A, P, R
K0277	K0283	P
K0284	K0284	A, P, R
K0400	K0400	P
K0401	K0401	J

First Code	Last Code	TOS
K0407	K0411	P
K0412	K0412	G
K0415	K0416	1
K0417	K0417	A, P, R
K0418	K0418	G
K0419	K0451	P
K0452	K0452	A, P, R
K0455	K0456	R
K0457	K0459	A, P, R
K0460	K0461	P, R
K0462	K0462	9
K0501	K0501	R
K0503	K0529	P
K0530	K0531	A, P, R
K0532	K0534	R
K0535	K0537	S
K0538	K0538	R
K0539	K0540	P
K0541	K0547	A, P, R
K0548	K0548	1, P
K0549	K0550	R
K0551	K0551	A, P, R
K0552	K0552	P
K0553	K0555	A, P, R

First Code	Last Code	TOS
K0556	K0597	P
K0600	K0608	A, P, R
K0609	K0609	P
K0610	K0614	L
K0615	K0617	A, P, R
K0618	K0619	P
K0620	K0626	S
K0627	K0627	A, P, R
K0628	K0629	J
K0630	K0649	P
K0650	K0669	A, P, R
K0670	K0670	P
K0671	K0671	R
K0672	K0672	P
K0730	K0730	A, P, R
K0731	K0732	P
K0733	K0737	A, P, R
K0738	K0738	P, R
K0739	K0740	9
K0800	K0899	A, P, R
L0100	L3963	P
L3964	L3966	A, P, R
L3967	L3967	P
L3968	L3970	A, P, R

First Code	Last Code	TOS
L3971	L3971	P
L3972	L3972	A, P, R
L3973	L3973	P
L3974	L3974	A, P, R
L3975	L8100	P
L8110	L8120	P, S
L8130	L9900	P
M0064	M0300	1
M0301	M0301	2
M0302	P7001	5
P9010	P9011	0
P9012	P9012	9
P9016	P9016	0
P9017	P9020	9
P9021	P9022	0
P9023	P9037	9
P9038	P9040	0
P9041	P9050	9
P9051	P9051	0
P9052	P9053	9
P9054	P9054	0
P9055	P9055	9
P9056	P9058	0
P9059	P9060	9

First Code	Last Code	TOS
P9603	P9615	5
Q0034	Q0034	1
Q0035	Q0035	5
Q0068	Q0068	9
Q0081	Q0081	1
Q0082	Q0082	9
Q0083	Q0085	1
Q0086	Q0086	9
Q0091	Q0091	1
Q0092	Q0092	4
Q0111	Q0115	5
Q0132	Q0136	9
Q0137	Q0137	1, L
Q0138	Q0139	1, P
Q0144	Q0144	1
Q0156	Q0161	P, 1
Q0163	Q0181	1
Q0182	Q0185	S
Q0186	Q0186	1
Q0187	Q0187	P, 1
Q0188	Q0188	9
Q0478	Q0506	P
Q0510	Q0514	9
Q0515	Q0515	1, P

First Code	Last Code	TOS
Q1001	Q1005	F
Q2001	Q2018	1, P
Q2019	Q2019	1, G
Q2020	Q2024	1, P
Q2025	*Q2027*	*1, 9*
Q3000	Q3000	4
Q3001	Q3001	1
Q3002	Q3012	4
Q3013	Q3014	9
Q3017	Q3020	D
Q3025	Q3030	P, 1
Q3031	Q3031	5
Q4001	Q4051	S
Q4052	Q4053	1, P
Q4054	Q4055	1, L
Q4074	Q4077	P, 1
Q4078	Q4078	4
Q4079	Q4080	1, P
Q4081	Q4082	L, 1
Q4083	Q4086	1
Q4087	Q4099	1, P
Q4115	*Q4121*	1
Q5001	Q9940	L, 1
Q9941	Q9944	1, P

First Code	Last Code	TOS
Q9945	Q9968	4
R0070	R0075	4
R0076	R0076	5
S0009	S0011	P, 1
S0012	S0012	1
S0014	S0087	P, 1
S0088	S0088	9
S0090	S0090	P, 1
S0091	S0093	9
S0096	S0098	1, P
S0104	S0104	1
S0106	S0108	9
S0112	S0112	1
S0114	S0118	9
S0122	S0132	1, P
S0133	S0133	9
S0135	S0135	1, P
S0136	*S0169*	9
S0170	S0170	1, P
S0171	S0178	9
S0179	S0179	1, P
S0181	S0187	9
S0189	S0189	1, P
S0190	S0201	9

First Code	Last Code	TOS
S0206	S0206	2
S0207	S0207	9
S0208	S0215	D
S0220	S0400	9
S0500	S0592	Q
S0595	S0800	9
S0810	S0810	2, 9
S0812	S0812	Q
S0820	S0830	9
S1001	S1002	P
S1015	S1016	9
S1025	S1025	1
S1030	S1030	P, R
S1031	S1031	A, P, R
S1040	S1040	P
S2050	S2053	2, 9
S2054	S2061	9
S2065	S2067	2
S2068	S2109	9
S2112	S2112	2
S2113	S2371	9
S2400	S2404	2
S2405	S2405	9
S2409	S2409	2

First Code	Last Code	TOS
S2411	S3800	9
S3818	S3819	5
S3820	S4980	9
S4981	S4981	2
S4989	S8001	9
S8002	S8003	1
S8004	S8035	9
S8037	S8037	4
S8040	S8210	9
S8260	S8260	P
S8262	S8270	9
S8300	S8300	S
S8301	S8434	9
S8450	S8452	P
S8460	S8470	9
S8490	S8490	S
S8940	S9528	9
S9529	S9529	5
S9533	S9590	9
S9800	S9800	1
S9802	T1014	9
T1015	T1015	1
T1016	T4543	9
T5001	T5999	9

First Code	Last Code	TOS
V2020	V2615	Q
V2623	V2629	P
V2630	V2799	Q
V5008	V5299	K
V5336	V5336	1
V5362	V5364	1, W
00100	00103	7
00104	00104	T, 7
00120	00860	7
00862	00862	N, 7
00864	01999	7
10021	11012	2
11040	11044	2, U, W
11045	*11045*	*2*
11046	*11047*	*1*
11055	20975	2
20979	20979	6
20982	29058	2
29065	29540	2, U, W
29550	29550	1, U, W
29580	29580	1, U, W
29581	29581	1
29700	36410	2
36415	36415	5

First Code	Last Code	TOS
36416	36416	1
36420	36510	2
36511	36516	1
36520	38200	2
38204	38204	1
38205	38206	2
38207	38209	1
38210	38210	2
38211	38215	5
38220	38241	2
38242	38242	2
38300	43774	2
43775	50290	2
50300	50320	N
50323	50546	2
50547	50547	N
50548	55845	2
55859	55859	6
55860	62230	2
62252	62252	1
62256	64530	2
64550	64550	2, U, W
64553	69990	2
70010	75893	4

First Code	Last Code	TOS
75894	75896	6
75898	75898	4
75900	75954	6
75956	75959	4
75960	75968	6
75970	75970	4
75978	75989	6
75992	76082	4
76083	76085	1
76086	76091	4
76092	76092	B, C, 1
76093	76934	4
76936	76936	6
76937	76937	4
76938	76938	6
76940	76940	4
76941	76942	6
76945	76945	4
76946	76965	6
76970	77051	4
77052	77052	1
77053	77056	4
77057	77057	1
77058	77084	4

First Code	Last Code	TOS
77261	77370	6
77371	77373	4
77399	77799	6
78000	78264	4
78267	78268	5
78270	78807	4
78808	78808	1
78811	78999	4
79000	79001	6
79005	79005	4
79030	79100	6
79101	79101	4
79200	79440	6
79445	79445	4
79900	79999	6
80047	80440	5
80500	80502	3
81000	88319	5
88321	88332	3
88333	89399	5
90281	90468	1
90470	*90470*	*V*
90471	90636	1
90644	90644	*V*

First Code	Last Code	TOS
90645	90650	1
90655	*90664*	*V*
90665	90665	1
90666	*90670*	*V*
90675	90727	1
90732	90732	V
90733	90802	1
90804	90899	T, 1
90901	90911	U, W, 1
90918	90921	M
90922	90999	1
91000	91012	5
91013	*91013*	*1*
91020	91033	5
91034	91040	1
91052	91065	5
91100	91105	2
91110	91111	4
91117	91120	1
91122	91122	5
91123	91123	1
91132	91133	5
91299	91299	2
92002	92014	1

First Code	Last Code	TOS
92015	92015	Q
92018	92020	1
92025	92025	5
92060	92060	1
92065	92130	Q
92132	*92134*	*1*
92135	92226	Q
92227	92228	Q
92230	92396	Q
92499	92504	1
92506	92508	W, 1, U
92510	92510	K, U, W
92511	92520	1
92525	92526	U, W, 1
92531	92550	1
92551	92569	K
92570	92570	1
92571	92596	K
92597	92598	W, 1
92599	92616	1
92617	92617	2
92620	92633	1
92640	92640	9
92700	92971	1

First Code	Last Code	TOS
92973	92977	2
92978	92979	4
92980	92998	2
93000	93278	5
93279	93292	1
93303	93352	5
93452	*93463*	*2*
93464	*93464*	*1*
93501	93545	2
93555	93556	4
93561	93662	2
93668	93668	9
93701	93744	5
93745	93750	1
93760	93888	5
93890	93893	6
93922	93981	5
93982	93982	1
93990	93990	5
94002	94005	1
94010	94450	5
94452	94610	1
94620	94621	5
94640	94668	1

First Code	Last Code	TOS
94680	94772	5
94774	94774	1
94775	94776	9
94777	94777	1
94779	94799	5
95004	*95801*	*1*
95803	95830	5
95831	95852	U, W, 5
95857	95870	W, 5
95872	95927	5
95928	95929	1
95930	95930	Q
95933	95962	5
95965	95967	4
95970	95975	5
95978	95992	1
95999	95999	5
96000	96003	1, W
96004	96004	1
96020	96020	4
96040	96103	1
96105	96115	U, W, 5
96116	96120	5
96150	96155	9

First Code	Last Code	TOS
96400	96567	1
96570	96571	2
96900	96913	1
96920	96922	2
96999	96999	1
97001	97546	1, U, W
97597	97598	1
97601	97602	1, U, W
97605	97606	1
97703	97799	1, U, W
97802	98969	1
99000	99002	9
99024	99060	1
99070	99071	9
99075	99091	1
99100	99150	7
99170	99170	5
99172	99173	Q
99174	99239	1
99241	99275	3
99281	99444	1
99450	99456	9
99460	99539	1
99551	99569	9

First Code	Last Code	TOS
99600	99600	1
99601	99607	9
0001T	0002T	2
0003T	0003T	9
0005T	0009T	2
0010T	0010T	5
0012T	0020T	2
0021T	0021T	1
0023T	0023T	5
0024T	0024T	2
0025T	0026T	9
0027T	0027T	2
0028T	0028T	4
0029T	0029T	9
0030T	0031T	5
0032T	0039T	2
0040T	0040T	4
0041T	0041T	5
0042T	0043T	4
0044T	0045T	9
0046T	0057T	2
0058T	0060T	5
0061T	0063T	2
0064T	0064T	5

First Code	Last Code	TOS
0065T	0065T	1
0066T	0066T	2
0067T	0070T	4
0071T	0072T	2
0073T	0073T	4
0074T	0074T	1
0075T	0076T	6
0077T	0081T	2
0082T	0083T	6
0084T	0084T	1
0085T	0085T	5
0086T	0086T	1
0087T	0087T	5
0088T	0088T	6
0089T	0089T	9
0090T	0102T	2
0103T	0110T	9
0111T	0111T	5
0115T	0117T	9
0120T	0126T	2
0130T	0133T	9
0135T	0137T	2
0140T	0140T	9
0141T	0143T	2

First Code	Last Code	TOS
0145T	0152T	4
0153T	0153T	2
0154T	0154T	4
0155T	0158T	2
0159T	0159T	4
0160T	0161T	6
0162T	0162T	9
0163T	0173T	2
0174T	0175T	4
0176T	0177T	2
0178T	0180T	5
0181T	0181T	Q
0182T	0182T	6
0183T	0183T	9
0184T	0185T	1
0186T	0186T	2
0187T	0190T	9
0191T	0193T	2
0194T	0194T	5
0195T	0196T	2
0197T	0197T	6
0198T	0199T	1
0200T	0202T	2
0203T	0207T	1

First Code	Last Code	TOS
0208T	0222T	9
0223T	*0225T*	*4*
0226T	*0232T*	*2*
0233T	*0233T*	*9*
0001F	0500F	1
0501F	0501F	9
0502F	7025F	1

10.7 - Type of Service (TOS)

(Rev.2072, Issued: 10-22-10, Effective: 01-01-11, Implementation: 01-03-11)

Medicare carriers must use the following table to assign the proper TOS. Some procedures may have more than one applicable TOS. For claims received on or after April 3, 1995, CWF will produce alerts on codes with incorrect TOS designations. Effective July 3, 1995, CWF is rejecting codes with incorrect TOS designations. All future updates will be submitted via a Recurring Update Notification.

The only exceptions to this table are:

- Surgical services billed for dates of service through December 31, 2007, containing the ASC facility service modifier SG must be reported as TOS F. Effective for services on or after January 1, 2008, the SG modifier is no longer applicable for Medicare services. ASC providers should discontinue applying the SG modifier on ASC facility claims. The indicator 'F' does not appear in the TOS table because its use depends upon claims submitted with POS 24 (ASC Facility) from an ASC (specialty 49). This became effective for dates of service January 1, 2008 and after.

- Surgical services billed with an assistant-at-surgery modifier (80-82, AS,) must be reported with TOS 8. The 8 indicator does not appear on the TOS table because its use is dependent upon the use of the appropriate modifier. (See Pub. 100-04, Medicare Claims Processing Manual, Chapter 12, "Physician/Nonphysician Practitioner," for instructions on when assistant-at-surgery is allowable.)

- Psychiatric treatment services that are subject to the outpatient mental health treatment limitation should be reported with TOS T.

- TOS H appears in the list of descriptors. However, it does not appear in the table. In CWF, "H" is used only as an indicator for hospice. The carrier should not submit TOS H to CWF at this time.

- For outpatient services, when a transfusion medicine code appears on a claim that also contains a blood product, the service is paid under reasonable charge at 80%, coinsurance and deductible apply. When transfusion medicine codes are paid under the clinical laboratory fee schedule pay at 100%, coinsurance and deductible do not apply.

NOTE: For injection codes with more than one possible TOS designation, use the following guidelines when assigning the TOS:

When the choice is L or 1,

- Use TOS L when the drug is used related to ESRD; or

- Use TOS 1 when the drug is not related to ESRD and is administered in the office.

When the choice is G or 1:

- Use TOS G when the drug is an immunosuppressive drug; or
- Use TOS 1 when the drug is used for other than immunosuppression.

When the choice is P or 1,

- Use TOS P if the drug is administered through durable medical equipment (DME); or
- Use TOS 1 if the drug is administered in the office.

The place of service or diagnosis may be considered when determining the appropriate TOS. The descriptors for each of the TOS codes listed in the following table are:

Type of Service Indicators

0	Whole Blood
1	Medical Care
2	Surgery
3	Consultation
4	Diagnostic Radiology
5	Diagnostic Laboratory
6	Therapeutic Radiology
7	Anesthesia
8	Assistant at Surgery
9	Other Medical Items or Services
A	Used DME
B	High Risk Screening Mammography
C	Low Risk Screening Mammography
D	Ambulance
E	Enteral/Parenteral Nutrients/Supplies

F	Ambulatory Surgical Center (Facility Usage for Surgical Services)
G	Immunosuppressive Drugs
H	Hospice
J	Diabetic Shoes
K	Hearing Items and Services
L	ESRD Supplies
M	Monthly Capitation Payment for Dialysis
N	Kidney Donor
P	Lump Sum Purchase of DME, Prosthetics, Orthotics
Q	Vision Items or Services
R	Rental of DME
S	Surgical Dressings or Other Medical Supplies
T	Outpatient Mental Health Treatment Limitation
U	Occupational Therapy
V	Pneumococcal/Flu Vaccine
W	Physical Therapy

HCPCS RANGE and Applicable Type of Service (TOS) Code

First Code	Last Code	TOS
A0021	A0999	D
A4206	A4213	S
A4214	A4214	P
A4215	A4215	L, S
A4216	A4218	1, P, L
A4220	A4236	P

First Code	Last Code	TOS
A4244	A4247	S, L
A4248	A4248	L
A4250	A4250	9
A4252	A4253	P
A4254	A4254	A, P, R
A4255	A4259	P
A4260	A4270	9
A4280	A4280	P
A4281	A4290	9
A4300	A4301	S
A4305	A4306	9
A4310	A4359	P
A4360	A4360	9
A4361	A4434	P
A4450	A4452	P, L, S
A4454	A4456	P
A4458	A4458	9
A4460	A4463	S
A4464	A4464	P
A4465	A4466	9
A4470	A4510	P
A4520	A4554	9
A4556	A4565	P
A4566	*A4566*	*9*

First Code	Last Code	TOS
A4570	A4572	P
A4575	A4590	9
A4595	A4605	P
A4606	A4606	9
A4608	A4613	P
A4614	A4614	9
A4615	A4617	P
A4618	A4618	A, P, R
A4619	A4626	P
A4627	A4627	9
A4628	A4628	A, P, R
A4629	A4629	P
A4630	A4633	A, P, R
A4634	A4634	9
A4635	A4637	A, P, R
A4638	A4638	P
A4639	A4640	A, P, R
A4641	A4647	4
A4648	A4648	9, S
A4649	A4649	9
A4650	A4650	9, S
A4651	A4931	L
A4932	A4932	9
A5051	A5200	P

First Code	Last Code	TOS
A5500	A5513	J
A6000	A6000	P
A6010	A6024	S
A6025	A6025	9
A6154	A6214	S
A6215	A6216	S, L
A6217	A6248	S
A6250	A6250	S, L
A6251	A6259	S
A6260	A6260	S, L
A6261	A6266	S
A6402	A6402	S, L
A6403	A6412	S
A6413	A6413	P
A6421	A6512	P, S
A6513	A6530	P
A6531	A6532	P, S
A6533	A6544	P
A6545	A6545	P, S
A6549	A6551	P
A7000	A7002	A, P, R
A7003	A7004	P
A7005	A7006	A, P, R
A7007	A7008	P

First Code	Last Code	TOS
A7009	A7009	A, P, R
A7010	A7011	P
A7012	A7012	A, P, R
A7013	A7013	P
A7014	A7017	A, P, R
A7018	A7018	P
A7020	A7020	*R*
A7025	A7039	A, P, R
A7040	A7043	P
A7044	A7045	A, P, R
A7046	A7527	P
A8000	A8004	A, P, R
A9150	A9270	9
A9273	*A9273*	*A, P, R*
A9274	A9280	9
A9281	A9281	A, P, R
A9282	A9283	9
A9284	A9284	A, P, R
A9300	A9300	9
A9500	A9516	4
A9517	A9517	6
A9518	A9522	4
A9523	A9523	6
A9524	A9529	4

First Code	Last Code	TOS
A9530	A9530	6
A9531	A9531	4
A9532	A9532	6
A9533	A9533	4
A9534	A9534	6
A9535	A9542	4
A9543	A9543	6
A9544	A9544	4
A9545	A9545	6
A9546	A9562	4
A9563	A9564	6
A9565	A9580	4
A9581	A9581	1, P
A9582	A9583	4
A9600	A9605	6
A9698	A9698	4
A9699	A9699	6
A9700	A9999	9
B4034	B5200	E
B9000	B9006	A, P, R
B9998	B9999	E
C1000	C1008	9, S
C1009	C1009	9
C1010	C1011	0

First Code	Last Code	TOS
C1012	C1014	9
C1015	C1018	0
C1019	C1019	9
C1020	C1021	0
C1022	C1022	9
C1024	C1043	9, S
C1045	C1045	4
C1047	C1048	9, S
C1050	C1050	9
C1051	C1057	9, S
C1058	C1058	4
C1059	C1059	9
C1060	C1063	9, S
C1064	C1066	4
C1067	C1078	9, S
C1079	C1080	4
C1081	C1081	6
C1082	C1082	4
C1083	C1083	6
C1084	C1086	1, P
C1087	C1087	4
C1088	C1088	9
C1089	C1099	4
C1100	C1121	9, S

First Code	Last Code	TOS
C1122	C1122	4
C1123	C1154	9, S
C1155	C1155	9
C1156	C1163	9, S
C1164	C1164	9
C1166	C1167	1, P
C1170	C1177	9, S
C1178	C1178	1, P
C1179	C1184	9, S
C1188	C1202	4
C1203	C1203	9
C1205	C1205	4
C1207	C1300	9
C1302	C1304	9, S
C1305	C1305	9
C1306	C1324	9, S
C1325	C1325	4
C1326	C1337	9, S
C1348	C1350	4
C1351	C1359	9, S
C1360	C1360	9
C1361	C1773	9, S
C1774	C1774	9
C1775	C1775	4

First Code	Last Code	TOS
C1776	C1799	9, S
C1800	C1806	4
C1810	C2631	9, S
C2632	C2632	9
C2633	C2633	9, S
C2634	C2636	9
C2637	C2637	4
C2638	C2638	6
C2639	C2643	4
C2676	C2676	9, S
C2698	C2699	4
C8900	C8928	4
C9000	C9010	1
C9011	C9011	9, S
C9012	C9020	1
C9100	C9103	4
C9104	C9106	1
C9107	C9107	9, S
C9108	C9109	9
C9110	C9110	9, S
C9111	C9119	9
C9120	C9121	1, P
C9123	C9123	9, S
C9126	C9126	9

First Code	Last Code	TOS
C9127	C9127	1
C9128	C9211	9
C9212	C9212	9, G
C9213	C9215	1
C9218	C9218	9
C9219	C9219	9, G
C9220	C9222	9
C9223	C9223	1, P
C9224	C9226	9
C9236	C9242	1, P
C9245	C9249	*1*
C9250	C9257	9
C9258	*C9258*	*1, P*
C9262	*C9262*	*1, 9*
C9264	*C9267*	*1, P*
C9268	C9364	9
C9367	C9399	1
C9400	C9400	4
C9401	C9401	6
C9402	C9405	4
C9410	C9411	1, P
C9413	C9434	1
C9435	C9437	9
C9438	C9438	1, G

First Code	Last Code	TOS
C9439	C9503	9
C9701	C9701	9, S
C9703	C9703	9
C9704	C9704	2
C9708	C9708	4
C9711	C9711	9
C9713	C9713	2
C9714	C9715	6
C9716	C9717	2
C9718	C9721	1
C9722	C9723	4
C9724	C9724	2
C9725	C9725	6
C9728	C9728	2
C9800	*C9800*	*1, P*
C9898	C9898	1
D0120	D0180	1
D0210	D0363	4
D0415	D0999	5
D1110	D1351	1
D1510	D1525	9
D1550	D2710	1
D2712	D2712	9
D2720	D2792	1

First Code	Last Code	TOS
D2794	D2794	9
D2799	D2910	1
D2915	D2915	9
D2920	D2933	1
D2934	D2934	9
D2940	D2970	1
D2971	D2975	9
D2980	D3120	1
D3220	D3221	2
D3230	D3348	1
D3351	D3920	2
D3950	D3999	1
D4210	D4276	2
D4320	D4999	1
D5110	D5281	9
D5410	D5761	1
D5810	D5999	9
D6010	D6050	2
D6053	D6079	9
D6080	D6080	2
D6090	D6999	9
D7110	D7282	2
D7283	D7283	9
D7285	D7999	2

First Code	Last Code	TOS
D8010	D9110	1
D9120	D9120	2
D9210	D9248	7
D9310	D9310	3
D9410	D9450	1
D9610	D9630	9
D9910	D9999	1
E0100	E0144	A, P, R
E0145	E0146	R
E0147	E0164	A, P, R
E0165	E0166	R
E0167	E0168	A, P, R
E0169	E0169	R
E0170	E0179	A, P, R
E0180	E0182	R
E0184	E0185	A, P, R
E0186	E0187	R
E0188	E0189	A, P, R
E0190	E0190	9
E0191	E0192	A, P, R
E0193	E0196	R
E0197	E0200	A, P, R
E0202	E0202	R
E0203	E0203	9

First Code	Last Code	TOS
E0205	E0205	A, P, R
E0210	E0210	A, P, R, L
E0215	E0230	A, P, R
E0231	E0231	R
E0232	E0232	P
E0235	E0236	R
E0238	E0239	A, P, R
E0240	E0240	9
E0241	E0249	A, P, R
E0250	E0270	R
E0271	E0276	A, P, R
E0277	E0277	R
E0280	E0280	A, P, R
E0290	E0298	R
E0300	E0300	A, P, R
E0301	E0305	R
E0310	E0326	A, P, R
E0328	E0329	R
E0350	E0352	9
E0370	E0373	A, P, R
E0424	E0431	R
E0433	E0433	A, P, R
E0434	E0440	R
E0441	E0444	P

First Code	Last Code	TOS
E0445	E0445	9
E0450	E0455	R
E0457	E0457	A, P, R
E0459	E0480	R
E0481	E0481	A, P, R
E0482	E0483	R
E0484	E0484	A, P, R
E0485	E0486	P
E0487	E0487	A, P, R
E0500	E0550	R
E0555	E0555	P, R
E0560	E0562	A, P, R
E0565	E0570	R
E0571	E0574	A, P, R
E0575	E0575	R
E0580	E0580	P, R
E0585	E0585	R
E0590	E0590	9
E0600	E0601	R
E0602	E0604	9
E0605	E0605	A, P, R
E0606	E0606	R
E0607	E0607	A, P, R
E0608	E0608	R

First Code	Last Code	TOS
E0609	E0615	A, P, R
E0616	E0616	9
E0617	E0617	9, R
E0618	E0619	R
E0620	E0629	A, P, R
E0630	E0636	R
E0637	E0638	A, P, R
E0639	E0640	9
E0641	E0673	A, P, R
E0675	E0675	R
E0676	E0740	A, P, R
E0744	E0745	R
E0746	E0748	A, P, R
E0749	E0749	9
E0751	E0754	P
E0755	E0755	A, P, R
E0756	E0759	P
E0760	E0760	A, P, R
E0761	E0761	9
E0762	E0764	A, P, R
E0765	E0765	A, P, *R*
E0769	E0769	9
E0770	E0770	A, P, R
E0776	E0776	A, P, R, E

First Code	Last Code	TOS
E0779	E0780	A, P, R
E0781	E0781	9, R
E0782	E0783	A, P, R
E0784	E0784	R
E0785	E0785	P
E0786	E0786	9
E0791	E0791	R
E0830	E0830	P
E0840	E0840	A, P, R
E0849	E0849	A, P, R
E0850	E0900	A, P, R
E0910	E0941	R
E0942	E0945	A, P, R
E0946	E0946	R
E0947	E0957	A, P, R
E0958	E0958	R
E0959	E0967	A, P, R
E0968	E0968	R
E0969	E0982	A, P, R
E0983	E0983	R
E0984	E1030	A, P, R
E1031	E1060	R
E1065	E1069	A, P, R
E1070	E1160	R

First Code	Last Code	TOS
E1161	E1161	A, P, R
E1170	E1200	R
E1210	E1213	A, P, R
E1220	E1220	P
E1221	E1225	R
E1226	E1227	A, P, R
E1228	E1228	R
E1229	E1239	A, P, R
E1240	E1295	R
E1296	E1310	A, P, R
E1340	E1340	9
E1353	E1353	R
E1354	E1354	A, P, R
E1355	E1355	R
E1356	E1372	A, P, R
E1375	E1392	R
E1399	E1399	A, P, R
E1400	E1406	R
E1500	E1699	L
E1700	E1700	A, P, R
E1701	E1702	P
E1800	E1801	P, R
E1802	E1802	R
E1805	E1840	P, R

First Code	Last Code	TOS
E1841	E1841	R
E1900	E1902	A, P, R
E2000	E2000	R
E2100	E2101	A, P, R
E2120	E2120	R
E2201	E2396	A, P , R
E2397	E2397	P
E2399	E2399	A, P, R
E2402	E2402	R
E2500	*E2625*	A, P, R
E8000	E8002	9
G0001	G0001	5
G0002	G0002	2
G0004	G0007	5
G0008	G0009	V
G0010	G0010	1
G0015	G0016	5
G0022	G0024	1
G0025	G0025	S
G0026	G0027	5
G0030	G0050	4
G0101	G0102	1
G0103	G0103	5
G0104	G0105	2

First Code	Last Code	TOS
G0106	G0106	4
G0107	G0107	5
G0108	G0113	1
G0114	G0114	3
G0115	G0116	T, 1
G0117	G0118	Q
G0120	G0120	4
G0121	G0121	2
G0122	G0122	4
G0123	G0124	5
G0125	G0126	4
G0127	G0127	2
G0128	G0128	1
G0129	G0129	U
G0130	G0132	4
G0141	G0148	5
G0151	G0156	1
G0159	G0160	2
G0161	G0161	6
G0163	G0165	4
G0166	G0168	1
G0169	G0169	W, 1
G0170	G0171	2
G0172	G0172	U

First Code	Last Code	TOS
G0173	G0174	2
G0175	G0175	1
G0176	G0177	U
G0178	G0178	6
G0179	G0182	1
G0184	G0187	2
G0188	G0188	4
G0190	G0203	1
G0204	G0234	4
G0235	G0235	1
G0236	G0236	4
G0237	G0239	1, U, W
G0240	G0240	1
G0241	G0243	2
G0244	G0247	1
G0248	G0249	5
G0250	G0250	1
G0251	G0255	4
G0256	G0256	2
G0257	G0259	1
G0260	G0260	F
G0261	G0261	2
G0262	G0262	4
G0263	G0264	1

First Code	Last Code	TOS
G0265	G0267	5
G0268	G0268	2
G0269	G0272	1
G0273	G0274	6
G0275	G0278	2
G0279	G0283	1, U, W
G0288	G0288	4
G0289	G0291	2
G0292	G0292	1
G0293	G0294	2
G0295	G0295	1, U, W
G0296	G0296	4
G0297	G0300	2
G0301	G0305	1
G0306	G0307	5
G0308	G0323	M
G0324	G0327	1
G0328	G0328	5
G0329	G0329	1, U, W
G0332	G0332	1
G0336	G0336	4
G0337	G0340	1
G0341	G0343	2
G0344	G0363	1

First Code	Last Code	TOS
G0364	G0364	2
G0365	G0368	5
G0369	G0371	9
G0372	G0372	1
G0373	G0376	9
G0377	G0384	1
G0389	G0389	4
G0390	G0390	1
G0392	G0393	2
G0394	G0400	5
G0406	G0408	3
G0420	G0424	1
G0425	G0427	3
G0428	*G0429*	*2*
G0430	*G0434*	5
G0435	*G0435*	*9*
G3001	G9140	1
G9141	G9142	V
G9143	G9143	1
G9147	H2037	9
J0120	J0210	P, 1
J0215	J0215	1, G
J0220	J0256	1, P
J0270	J0275	1

First Code	Last Code	TOS
J0278	J0476	1, P
J0480	J0480	1, G
J0500	J0594	1, P
J0595	J0595	1
J0597	J0880	1, P
J0881	J0882	1, L
J0885	J0885	9
J0886	J0886	1, L
J0894	J1642	1, P
J1644	J1644	P, 1, L
J1645	J1670	P, 1
J1675	J1675	1, G
J1680	J1820	1, P
J1825	J1830	1
J1835	J2916	P, 1
J2920	J2930	G, 1
J2940	J3395	P, 1
J3396	J3396	9
J3400	J7199	1, P
J7300	J7307	9
J7308	J7308	1
J7309	J7310	9
J7311	J7311	Q
J7312	*J7312*	*1, P*

First Code	Last Code	TOS
J7315	J7324	1
J7325	J7330	P, 1
J7335	*J7335*	*9*
J7340	J7349	1
J7350	J7350	1, S
J7500	J7599	G, 1
J7601	J8499	P, 1
J8501	J8501	G, 1
J8510	J8521	P, 1
J8530	J8530	1, G, P
J8540	J8540	1
J8560	J8560	1, P
J8562	J8565	9
J8597	J8597	1
J8600	J8600	P, 1
J8610	J8610	P, G, 1
J8650	J8650	1, G
J8700	J9212	P, 1
J9213	J9216	G
J9217	J9999	P, 1
K0001	K0004	R
K0005	K0005	A, P, R
K0006	K0007	R
K0008	K0008	P

First Code	Last Code	TOS
K0009	K0012	A, P, R
K0013	K0013	P
K0014	K0100	A, P, R
K0101	K0101	R
K0102	K0108	A, P, R
K0109	K0113	P
K0114	K0116	A, P, R
K0119	K0123	G
K0137	K0169	P
K0170	K0171	A, P, R
K0172	K0173	P
K0174	K0174	A, P, R
K0175	K0176	P
K0177	K0177	A, P, R
K0178	K0178	P
K0179	K0181	A, P, R
K0182	K0182	P
K0183	K0192	A, P, R
K0193	K0195	R
K0268	K0270	A, P, R
K0277	K0283	P
K0284	K0284	A, P, R
K0400	K0400	P
K0401	K0401	J

First Code	Last Code	TOS
K0407	K0411	P
K0412	K0412	G
K0415	K0416	1
K0417	K0417	A, P, R
K0418	K0418	G
K0419	K0451	P
K0452	K0452	A, P, R
K0455	K0456	R
K0457	K0459	A, P, R
K0460	K0461	P, R
K0462	K0462	9
K0501	K0501	R
K0503	K0529	P
K0530	K0531	A, P, R
K0532	K0534	R
K0535	K0537	S
K0538	K0538	R
K0539	K0540	P
K0541	K0547	A, P, R
K0548	K0548	1, P
K0549	K0550	R
K0551	K0551	A, P, R
K0552	K0552	P
K0553	K0555	A, P, R

First Code	Last Code	TOS
K0556	K0597	P
K0600	K0608	A, P, R
K0609	K0609	P
K0610	K0614	L
K0615	K0617	A, P, R
K0618	K0619	P
K0620	K0626	S
K0627	K0627	A, P, R
K0628	K0629	J
K0630	K0649	P
K0650	K0669	A, P, R
K0670	K0670	P
K0671	K0671	R
K0672	K0672	P
K0730	K0730	A, P, R
K0731	K0732	P
K0733	K0737	A, P, R
K0738	K0738	P, R
K0739	K0740	9
K0800	K0899	A, P, R
L0100	L3963	P
L3964	L3966	A, P, R
L3967	L3967	P
L3968	L3970	A, P, R

First Code	Last Code	TOS
L3971	L3971	P
L3972	L3972	A, P, R
L3973	L3973	P
L3974	L3974	A, P, R
L3975	L8100	P
L8110	L8120	P, S
L8130	L9900	P
M0064	M0300	1
M0301	M0301	2
M0302	P7001	5
P9010	P9011	0
P9012	P9012	9
P9016	P9016	0
P9017	P9020	9
P9021	P9022	0
P9023	P9037	9
P9038	P9040	0
P9041	P9050	9
P9051	P9051	0
P9052	P9053	9
P9054	P9054	0
P9055	P9055	9
P9056	P9058	0
P9059	P9060	9

First Code	Last Code	TOS
P9603	P9615	5
Q0034	Q0034	1
Q0035	Q0035	5
Q0068	Q0068	9
Q0081	Q0081	1
Q0082	Q0082	9
Q0083	Q0085	1
Q0086	Q0086	9
Q0091	Q0091	1
Q0092	Q0092	4
Q0111	Q0115	5
Q0132	Q0136	9
Q0137	Q0137	1, L
Q0138	Q0139	1, P
Q0144	Q0144	1
Q0156	Q0161	P, 1
Q0163	Q0181	1
Q0182	Q0185	S
Q0186	Q0186	1
Q0187	Q0187	P, 1
Q0188	Q0188	9
Q0478	Q0506	P
Q0510	Q0514	9
Q0515	Q0515	1, P

First Code	Last Code	TOS
Q1001	Q1005	F
Q2001	Q2018	1, P
Q2019	Q2019	1, G
Q2020	Q2024	1, P
Q2025	*Q2027*	*1, 9*
Q3000	Q3000	4
Q3001	Q3001	1
Q3002	Q3012	4
Q3013	Q3014	9
Q3017	Q3020	D
Q3025	Q3030	P, 1
Q3031	Q3031	5
Q4001	Q4051	S
Q4052	Q4053	1, P
Q4054	Q4055	1, L
Q4074	Q4077	P, 1
Q4078	Q4078	4
Q4079	Q4080	1, P
Q4081	Q4082	L, 1
Q4083	Q4086	1
Q4087	Q4099	1, P
Q4115	*Q4121*	1
Q5001	Q9940	L, 1
Q9941	Q9944	1, P

First Code	Last Code	TOS
Q9945	Q9968	4
R0070	R0075	4
R0076	R0076	5
S0009	S0011	P, 1
S0012	S0012	1
S0014	S0087	P, 1
S0088	S0088	9
S0090	S0090	P, 1
S0091	S0093	9
S0096	S0098	1, P
S0104	S0104	1
S0106	S0108	9
S0112	S0112	1
S0114	S0118	9
S0122	S0132	1, P
S0133	S0133	9
S0135	S0135	1, P
S0136	*S0169*	9
S0170	S0170	1, P
S0171	S0178	9
S0179	S0179	1, P
S0181	S0187	9
S0189	S0189	1, P
S0190	S0201	9

First Code	Last Code	TOS
S0206	S0206	2
S0207	S0207	9
S0208	S0215	D
S0220	S0400	9
S0500	S0592	Q
S0595	S0800	9
S0810	S0810	2, 9
S0812	S0812	Q
S0820	S0830	9
S1001	S1002	P
S1015	S1016	9
S1025	S1025	1
S1030	S1030	P, R
S1031	S1031	A, P, R
S1040	S1040	P
S2050	S2053	2, 9
S2054	S2061	9
S2065	S2067	2
S2068	S2109	9
S2112	S2112	2
S2113	S2371	9
S2400	S2404	2
S2405	S2405	9
S2409	S2409	2

First Code	Last Code	TOS
S2411	S3800	9
S3818	S3819	5
S3820	S4980	9
S4981	S4981	2
S4989	S8001	9
S8002	S8003	1
S8004	S8035	9
S8037	S8037	4
S8040	S8210	9
S8260	S8260	P
S8262	S8270	9
S8300	S8300	S
S8301	S8434	9
S8450	S8452	P
S8460	S8470	9
S8490	S8490	S
S8940	S9528	9
S9529	S9529	5
S9533	S9590	9
S9800	S9800	1
S9802	T1014	9
T1015	T1015	1
T1016	T4543	9
T5001	T5999	9

First Code	Last Code	TOS
V2020	V2615	Q
V2623	V2629	P
V2630	V2799	Q
V5008	V5299	K
V5336	V5336	1
V5362	V5364	1, W
00100	00103	7
00104	00104	T, 7
00120	00860	7
00862	00862	N, 7
00864	01999	7
10021	11012	2
11040	11044	2, U, W
11045	*11045*	*2*
11046	*11047*	*1*
11055	20975	2
20979	20979	6
20982	29058	2
29065	29540	2, U, W
29550	29550	1, U, W
29580	29580	1, U, W
29581	29581	1
29700	36410	2
36415	36415	5

First Code	Last Code	TOS
36416	36416	1
36420	36510	2
36511	36516	1
36520	38200	2
38204	38204	1
38205	38206	2
38207	38209	1
38210	38210	2
38211	38215	5
38220	38241	2
38242	38242	2
38300	43774	2
43775	50290	2
50300	50320	N
50323	50546	2
50547	50547	N
50548	55845	2
55859	55859	6
55860	62230	2
62252	62252	1
62256	64530	2
64550	64550	2, U, W
64553	69990	2
70010	75893	4

First Code	Last Code	TOS
75894	75896	6
75898	75898	4
75900	75954	6
75956	75959	4
75960	75968	6
75970	75970	4
75978	75989	6
75992	76082	4
76083	76085	1
76086	76091	4
76092	76092	B, C, 1
76093	76934	4
76936	76936	6
76937	76937	4
76938	76938	6
76940	76940	4
76941	76942	6
76945	76945	4
76946	76965	6
76970	77051	4
77052	77052	1
77053	77056	4
77057	77057	1
77058	77084	4

First Code	Last Code	TOS
77261	77370	6
77371	77373	4
77399	77799	6
78000	78264	4
78267	78268	5
78270	78807	4
78808	78808	1
78811	78999	4
79000	79001	6
79005	79005	4
79030	79100	6
79101	79101	4
79200	79440	6
79445	79445	4
79900	79999	6
80047	80440	5
80500	80502	3
81000	88319	5
88321	88332	3
88333	89399	5
90281	90468	1
90470	*90470*	*V*
90471	90636	1
90644	90644	*V*

First Code	Last Code	TOS
90645	90650	1
90655	*90664*	*V*
90665	90665	1
90666	*90670*	*V*
90675	90727	1
90732	90732	V
90733	90802	1
90804	90899	T, 1
90901	90911	U, W, 1
90918	90921	M
90922	90999	1
91000	91012	5
91013	*91013*	*1*
91020	91033	5
91034	91040	1
91052	91065	5
91100	91105	2
91110	91111	4
91117	91120	1
91122	91122	5
91123	91123	1
91132	91133	5
91299	91299	2
92002	92014	1

First Code	Last Code	TOS
92015	92015	Q
92018	92020	1
92025	92025	5
92060	92060	1
92065	92130	Q
92132	*92134*	*1*
92135	92226	Q
92227	92228	Q
92230	92396	Q
92499	92504	1
92506	92508	W, 1, U
92510	92510	K, U, W
92511	92520	1
92525	92526	U, W, 1
92531	92550	1
92551	92569	K
92570	92570	1
92571	92596	K
92597	92598	W, 1
92599	92616	1
92617	92617	2
92620	92633	1
92640	92640	9
92700	92971	1

First Code	Last Code	TOS
92973	92977	2
92978	92979	4
92980	92998	2
93000	93278	5
93279	93292	1
93303	93352	5
93452	*93463*	*2*
93464	*93464*	*1*
93501	93545	2
93555	93556	4
93561	93662	2
93668	93668	9
93701	93744	5
93745	93750	1
93760	93888	5
93890	93893	6
93922	93981	5
93982	93982	1
93990	93990	5
94002	94005	1
94010	94450	5
94452	94610	1
94620	94621	5
94640	94668	1

First Code	Last Code	TOS
94680	94772	5
94774	94774	1
94775	94776	9
94777	94777	1
94779	94799	5
95004	*95801*	*1*
95803	95830	5
95831	95852	U, W, 5
95857	95870	W, 5
95872	95927	5
95928	95929	1
95930	95930	Q
95933	95962	5
95965	95967	4
95970	95975	5
95978	95992	1
95999	95999	5
96000	96003	1, W
96004	96004	1
96020	96020	4
96040	96103	1
96105	96115	U, W, 5
96116	96120	5
96150	96155	9

First Code	Last Code	TOS
96400	96567	1
96570	96571	2
96900	96913	1
96920	96922	2
96999	96999	1
97001	97546	1, U, W
97597	97598	1
97601	97602	1, U, W
97605	97606	1
97703	97799	1, U, W
97802	98969	1
99000	99002	9
99024	99060	1
99070	99071	9
99075	99091	1
99100	99150	7
99170	99170	5
99172	99173	Q
99174	99239	1
99241	99275	3
99281	99444	1
99450	99456	9
99460	99539	1
99551	99569	9

First Code	Last Code	TOS
99600	99600	1
99601	99607	9
0001T	0002T	2
0003T	0003T	9
0005T	0009T	2
0010T	0010T	5
0012T	0020T	2
0021T	0021T	1
0023T	0023T	5
0024T	0024T	2
0025T	0026T	9
0027T	0027T	2
0028T	0028T	4
0029T	0029T	9
0030T	0031T	5
0032T	0039T	2
0040T	0040T	4
0041T	0041T	5
0042T	0043T	4
0044T	0045T	9
0046T	0057T	2
0058T	0060T	5
0061T	0063T	2
0064T	0064T	5

First Code	Last Code	TOS
0065T	0065T	1
0066T	0066T	2
0067T	0070T	4
0071T	0072T	2
0073T	0073T	4
0074T	0074T	1
0075T	0076T	6
0077T	0081T	2
0082T	0083T	6
0084T	0084T	1
0085T	0085T	5
0086T	0086T	1
0087T	0087T	5
0088T	0088T	6
0089T	0089T	9
0090T	0102T	2
0103T	0110T	9
0111T	0111T	5
0115T	0117T	9
0120T	0126T	2
0130T	0133T	9
0135T	0137T	2
0140T	0140T	9
0141T	0143T	2

First Code	Last Code	TOS
0145T	0152T	4
0153T	0153T	2
0154T	0154T	4
0155T	0158T	2
0159T	0159T	4
0160T	0161T	6
0162T	0162T	9
0163T	0173T	2
0174T	0175T	4
0176T	0177T	2
0178T	0180T	5
0181T	0181T	Q
0182T	0182T	6
0183T	0183T	9
0184T	0185T	1
0186T	0186T	2
0187T	0190T	9
0191T	0193T	2
0194T	0194T	5
0195T	0196T	2
0197T	0197T	6
0198T	0199T	1
0200T	0202T	2
0203T	0207T	1

First Code	Last Code	TOS
0208T	0222T	9
0223T	*0225T*	*4*
0226T	*0232T*	*2*
0233T	*0233T*	*9*
0001F	0500F	1
0501F	0501F	9
0502F	7025F	1